

## **TREE NUT SITUATION UPDATES**

This report updates the tree nut situation for selected countries published in the November 2000 issue of *World Horticultural Trade & U.S. Export Opportunities*.

### **Almonds**

Almond production in selected countries in 2000/01 is forecast at 414,751 tons, seven percent above the previous estimate and 16 percent below last year's record production. Lower estimates of the 2000/01 United States' almond crop accounted for the large decrease from the November estimate. The forecast for the 2000/01 U.S. crop remains high at 322,051 tons, albeit 15 percent below last year's record crop, due to the crop's cyclical nature. Almond exports from selected countries in 2000/01 are forecast at 266,500 tons, 4 percent below last year and 1 percent below the previous estimate, due to a slightly lower export forecast for Spain. U.S. exports from August 2000 through January 2001 (according to trade sources) totaled 140,250 tons, 4 percent above last year's exports during the same period. Sales to date to the European Union, the largest U.S. market, are down 4 percent from last year. U.S. 2000/01 ending almond stocks are forecast to decline substantially to 31,343 tons, due to an increase in domestic consumption. Export prices for U.S. almonds are up 31 percent compared to the same period last year.

### **Walnuts**

Walnut production in selected countries in 2000/01 is estimated at 672,617 tons, 2 percent below last year's record production and a little below the November forecast, due to a slightly lower production estimate for the United States. The U.S. walnut crop is estimated at 216,817 tons, 16 percent below the 1999/2000 harvest. Walnut exports from selected countries in 2000/01 are forecast at 176,500, 5 percent lower than the previous estimate due to a slightly lower forecast for Italy. U.S. export from August 2000 through December 2000 (according the U.S. Bureau of Census) totaled 54,231 tons, a 18 percent increase above previous year's shipments during the same period. Although sales to the European Union, the largest U.S. market, are up 23 percent for 2000/01 compared to this same time period for 1999/2000, sales to Canada and Mexico are down 8 and 65 percent, respectively.

### **Hazelnuts**

The 2000/01 hazelnut production estimate for selected countries has been lowered to 652,772 tons, 7 percent below the November forecast. This is due primarily to production decreases for Turkey. U.S. production is forecast at 21,772 tons, 37 percent below last season, due to poor weather conditions and low world prices. Total hazelnut exports from reporting countries in 2000/01 are forecast at 422,500 tons, 9 percent below the November estimate, and 8 percent below 1999/2000

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exports. The decrease is due to lower export forecasts for Turkey and Spain. The U.S. export forecast was lowered based on significantly reduced shipments to date compared with the volume for the same time period for prior years. Although sales to the European Union, the largest U.S. market, are up 23 percent for 2000/01 compared to this same period for 1999/2000, sales to China are down 43 percent. The export forecast for Turkey decreased to 370,000 tons, 7 percent below last year's volume.

# **WALNUTS: PRODUCTION, SUPPLY AND DISTRIBUTION IN SELECTED COUNTRIES**

<b>Country/ Marketing Year 1/</b>	<b>Beginning Stocks</b>	<b>Production</b>	<b>Imports</b>	<b>Total Supply and Distribution</b>	<b>Exports</b>	<b>Domestic Consumption</b>	<b>Ending Stocks</b>
<b>Metric tons, in-shell basis</b>							
<b>Chile</b>							
1997/1998	526	9,955	35	10,516	8,570	1,700	246
1998/1999	246	11,300	1	11,547	9,841	1,470	236
1999/2000	236	10,000	113	10,349	8,700	1,545	104
2000/2001 F	104	11,800	100	12,004	10,000	1,800	204
<b>China</b>							
1997/1998	0	249,000	659	249,659	31,713	217,946	0
1998/1999	0	251,000	700	251,700	27,000	224,700	0
1999/2000	0	274,000	3,500	277,500	32,000	245,500	0
2000/2001 F	0	300,000	4,000	304,000	31,000	273,000	0
<b>France</b>							
1997/1998	0	23,500	10,000	33,500	15,000	18,500	0
1998/1999	0	24,600	9,500	34,100	16,000	18,100	0
1999/2000	0	29,045	11,800	40,845	20,500	20,345	0
2000/2001 F	0	31,000	12,000	43,000	23,000	20,000	0
<b>India</b>							
1997/1998	6,420	24,000	0	30,420	9,370	13,200	7,850
1998/1999	7,850	30,000	0	37,850	12,350	15,000	10,500
1999/2000	10,500	28,000	0	38,500	12,000	16,500	10,000
2000/2001 F	10,000	31,000	0	41,000	14,000	18,000	9,000
<b>Italy</b>							
1997/1998	1,000	21,000	10,793	32,793	1,066	30,227	1,500
1998/1999	1,500	12,000	15,194	28,694	989	26,705	1,000
1999/2000	1,000	18,000	18,000	37,000	1,800	29,200	6,000
2000/2001 F	6,000	12,000	18,000	36,000	1,000	32,000	3,000
<b>Turkey</b>							
1997/1998	4,200	66,000	2,000	72,200	700	67,000	4,500
1998/1999	4,500	70,000	2,000	76,500	500	69,000	7,000
1999/2000	7,000	70,000	5,000	82,000	500	72,500	9,000
2000/2001 F	9,000	70,000	5,000	84,000	500	74,500	9,000
<b>United States 2/ 3/ 4/ 5/</b>							
1997/1998	44,428	244,030	319	288,777	103,828	110,850	74,099
1998/1999	74,099	205,931	171	280,201	99,552	116,684	63,965
1999/2000	63,965	256,734	194	320,893	98,199	155,765	66,929
2000/2001 F	66,929	216,817	200	283,946	97,000	129,693	57,253
<b>Total</b>							
1997/1998	56,574	637,485	23,806	717,865	170,247	459,423	88,195
1998/1999	88,195	604,831	27,566	720,592	166,232	471,659	82,701
1999/2000	82,701	685,779	38,607	807,087	173,699	541,355	92,033
2000/2001 F	92,033	672,617	39,300	803,950	176,500	548,993	78,457

1/ Marketing Years: March-February for Chile; August-July for the United States; September-August for Italy and Turkey; October-September for China, France, and India

2/ U.S. export and import data come from the Bureau of the Census with forecasts by Foreign Agricultural Service (FAS)/USDA.

3/ U.S. domestic shelling ratios for U.S. exports and imports for 1997/98 and 1998/99 are .411 and .414 respectively and originate from the National Agricultural Statistics Service (NASS)/USDA. For 1999/00 and 2000/2001, FAS used shelling ratios of .416 and .412 respectively, averages based on the preceding three years.

4/ U.S. stock data comes from the Walnut Marketing Board (WMB).

5/ U.S. production forecast for 2000/01 by NASS.

F=Forecast.

SOURCES: U.S. Agricultural Attache Reports, Bureau of the Census, WMB, and NASS/USDA

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**ALMONDS: PRODUCTION, SUPPLY, AND DISTRIBUTION IN SELECTED COUNTRIES**

<b>Country/ Marketing Year 1/</b>	<b>Beginning Stocks</b>	<b>Production</b>	<b>Imports</b>	<b>Total Supply</b>	<b>Exports</b>	<b>Domestic Consumption</b>	<b>Ending Stocks</b>
<b>Metric tons, shelled basis</b>							
<b>Greece</b>							
1997/1998	1,673	14,500	3,200	19,373	1,200	13,650	4,523
1998/1999	4,523	12,000	2,400	18,923	800	14,500	3,623
1999/2000	3,623	17,000	2,000	22,623	2,800	14,700	5,123
2000/2001 F	5,123	15,200	2,500	22,823	2,500	15,000	5,323
<b>Italy</b>							
1997/1998	500	11,000	15,779	27,279	1,177	24,102	2,000
1998/1999	2,000	9,000	13,781	24,781	1,188	22,593	1,000
1999/2000	1,000	17,000	16,400	34,400	2,000	30,400	2,000
2000/2001 F	2,000	10,000	18,000	30,000	1,000	28,000	1,000
<b>Spain</b>							
1997/1998	4,000	75,000	25,800	104,800	50,800	40,000	14,000
1998/1999	14,000	30,000	26,300	70,300	40,700	29,600	0
1999/2000	0	66,000	34,000	100,000	43,000	52,000	5,000
2000/2001 F	5,000	53,000	30,000	88,000	36,000	50,000	2,000
<b>Turkey</b>							
1997/1998	1,600	11,000	3,000	15,600	100	14,500	1,000
1998/1999	1,000	12,000	2,000	15,000	200	13,800	1,000
1999/2000	1,000	14,000	2,000	17,000	200	14,800	2,000
2000/2001 F	2,000	14,500	2,000	18,500	200	16,000	2,300
<b>United States 2/ 3/ 4/ 5/</b>							
1997/1998	21,908	344,277	55	366,240	205,432	82,791	78,017
1998/1999	78,017	235,868	86	313,971	183,917	88,414	41,640
1999/2000	41,640	377,842	104	419,586	228,169	112,174	79,243
2000/2001 F	79,243	322,051	75	401,369	226,800	143,226	31,343
<b>Total</b>							
1997/1998	29,681	455,777	47,834	533,292	258,709	175,043	99,540
1998/1999	99,540	298,868	44,567	442,975	226,805	168,907	47,263
1999/2000	47,263	491,842	54,504	593,609	276,169	224,074	93,366
2000/2001 F	93,366	414,751	52,575	560,692	266,500	252,226	41,966

1/ Marketing Years: August-July for the United States; September-August for Spain, Italy, Turkey; October-September for Greece.

2/ U.S. import data are from Bureau of the Census with input from the Almond Board of California (ABC). Import forecast originates with Foreign Agricultural Service (FAS)/USDA.

3/ The U.S. domestic shelling ratios for exports and imports for 1997/98 and 1998/99 are .625 and .554 respectively and originate from the National Agricultural Statistics Service (NASS)/USDA. For 1999/00 and 2000/01, FAS used shelling ratios of .5993 and .5928 respectively, averages based on the three preceding years.

4/ U.S. export and stock data for 1997/98, 1998/99, 1999/00 come from the ABC; 2000/01 export forecast based on preliminary data from the ABC; 2000/01 stock estimate from ABC.

5/ U.S. production forecast for 2000/01 by the National Agricultural Statistics Service (NASS).

F=Forecast.

SOURCES: U.S. Agricultural Attaché Reports, Bureau of Census, ABC, and NASS/USDA.

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## HAZELNUTS: PRODUCTION, SUPPLY AND DISTRIBUTION

Country/ Marketing Year 1/	Beginning Stocks	Production	Imports	Total Supply	Exports	Domestic Consumption	Ending Stocks
Metric tons, in-shell basis							
<b>Italy</b>							
1997/1998	30,000	77,000	52,110	159,110	27,337	116,773	15,000
1998/1999	15,000	118,000	32,367	165,367	51,044	112,323	2,000
1999/2000	2,000	110,000	44,000	156,000	35,000	119,000	2,000
2000/2001 F	2,000	95,000	50,000	147,000	30,000	115,000	2,000
<b>Spain</b>							
1997/1998	1,000	16,000	8,800	25,800	11,800	14,000	0
1998/1999	0	10,000	9,300	19,300	6,700	12,600	0
1999/2000	0	25,000	9,700	34,700	14,000	18,500	2,200
2000/2001 F	2,200	16,000	11,000	29,200	10,000	17,000	2,200
<b>Turkey</b>							
1997/1998	105,000	475,000	0	580,000	422,888	57,112	100,000
1998/1999	100,000	625,000	2,254	727,254	347,477	104,777	275,000
1999/2000	275,000	610,000	3	885,003	397,613	187,390	300,000
2000/2001 F	300,000	520,000	0	820,000	370,000	200,000	250,000
<b>United States 2/ 3/ 4/ 5/</b>							
1997/1998	467	42,640	10,765	53,872	25,361	26,788	1,723
1998/1999	1,723	14,061	14,195	29,979	11,429	18,447	103
1999/2000	103	34,500	14,996	49,599	13,093	32,403	4,103
2000/2001 F	4,103	21,772	14,500	40,375	12,500	25,875	2,000
<b>Total</b>							
1997/1998	136,467	610,640	71,675	818,782	487,386	214,673	116,723
1998/1999	116,723	767,061	58,116	941,900	416,650	248,147	277,103
1999/2000	277,103	779,500	68,699	1,125,302	459,706	357,293	308,303
2000/2001 F	308,303	652,772	75,500	1,036,575	422,500	357,875	256,200

1/ Marketing Years: July-June for the United States; September -August for Spain, Italy, and Turkey.

2/ U.S. export and import data are from the Bureau of the Census with forecasts by the Foreign Agricultural Service (FAS)/USDA.

3/ The U.S. domestic shelling ratios for exports and imports for 1997/98 and 1998/99 are .363 and .405 respectively and originate from the National Agricultural Statistics Service (NASS)/USDA. For 1999/00 and 2000/01, FAS used shelling ratios of .391 and .386 respectively, averages based on the preceding three years.

4/ U.S. stock data comes from the Hazelnut Marketing Board (HMB)

5/ The 1999/2000 production forecast comes from NASS

F= Forecast.

SOURCES: U.S. Agricultural Attaché Reports, Bureau of the Census, HMB, and NASS/USDA.

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## **Situation and Outlook for Macadamias**

**Macadamia prices continue to fall as a result of world oversupply. Total world supplies are forecast at 107,635 tons for 2000/01, down 3 percent from last year's record number. Forecasted acreage and yield increases in Australia and South Africa, the world's first and third largest producers, respectively, are expected to increase world supplies to 117,730 tons in 2001/02. The lingering effects of the economic crisis in Asia, the largest regional market for U.S. exports, are disappearing. However, stiff competition from other macadamia producing countries and a strong U.S. currency are weakening demand for U.S. exports. Exports from selected countries are forecast to increase 19 percent to a record 52,014 tons. Australia remains the world's largest exporter of macadamias, accounting for 47 percent of total world exports. The United States, the world's second largest producer, is the largest single export market for Australia, South Africa, Guatemala, Brazil, and Costa Rica.**

### **United States**

U.S. Macadamia nut production in 2000/01 is forecast at 22,226 tons, 13 percent below the 1999/2000 crop, due to adverse weather conditions, low prices, and less harvested acreage. Output for 2001/02 is expected to decrease slightly. Exports in 2000/01 are forecast to remain at the same level as in the previous year totaling 3000 tons. The lack of growth in macadamia exports is due mainly to increased competition from exporters and severe weather disruptions. The United States exports mostly prepared or preserved macadamias. With the exception of Korea, sales to the Asian markets are up significantly compared to this same period last year. While sales to date for Korea have remained stagnant, sales to China, Hong Kong, and Singapore have recovered nicely, up 42 percent. However, sales to the other important markets, i.e. the Netherlands, decreased by 25 percent. Japan is still the largest single country market, purchasing over 50 percent of U.S. macadamia exports. With low world prices and less harvested acreage, macadamia exports for 2001/02 are forecast to decrease slightly from 2000/01.

U.S. imports in 2000/01 are forecast to increase 4 percent to 24,100 tons, due to increased production in other countries and decreased production in the United States. Other macadamia producers grow solely for export to the United States, the world's largest macadamia consumer. Rising U.S. consumer income and spending have been a big factor in soaking up some of the excess world supplies. Additionally, U.S. food processors report difficulties in procuring a steady 12-month supply from Hawaii. The majority of macadamia imports are bulk and industrial product intended for processing.

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The Hawaii Agricultural Statistics Service (HASS) reports that in shell grower prices averaged \$.61/lb, a 9-percent drop from 1999/2000. Farm prices have not been this low in over 20 years. Ongoing foreign competition has put downward pressure on Hawaii growers.

## **Australia**

Australia is the world's largest macadamia producer. Output in 2000/01 is forecast at 29,100 tons, a drop of 14 percent, due to wetter than average weather conditions. Areas in northern New South Wales that produce macadamia nuts received almost double their annual average of rainfall. This created widespread disease and fungus problems which subsequently reduced yield and quality. Macadamia production for 2001/02 is forecast to increase 22 percent to 35,500 tons, due to a return of normal weather conditions. The Australian macadamia nut industry is highly export oriented, exporting over 50 percent of production. Exports in 2000/01 are forecast at 24,500 tons, an increase of 26 percent from 1999/2000. The United States is still the major single country market for Australian macadamia exports. However, the Asian market, which Japan and Hong Kong dominate, accounted for about 40 percent of total exports in 1999/2000. The Australian Macadamia Society (AMS) estimates that grower prices fell about 9 percent through 2000/01 to around \$1.21/kg. However, sources indicate that prices have begun to increase for exported products.

## **South Africa**

The 2000/01 harvest is expected to increase 12 percent from last year to 10,800 tons, due to good soil moisture content and temperatures. This is expected to continue for the next few years, as more than 50 percent of planted trees will come into bearing age. Output for 2001/02 is forecast to increase another 10 percent to 12,000 tons. If current trends continue, macadamia production could reach 20,000 tons by 2005. Exports in 2000/01 are also expected to rise, up 10 percent from 1999/2000 to 10,200 tons. In 2001/02, exports are forecast at 11,200 tons, an increase of 9 percent from 2000/01. South Africa exports over 80 percent of total production, with the United States and Europe being the biggest importers, accounting for 59 percent and 30 percent of total 1999/2000 exports, respectively.

## **Kenya**

Macadamia output for 2000/01 is forecast at 4,900 tons, down 18 percent from last year, due mainly to unfavorable weather conditions and premature nut harvesting and withheld stocks by some farmers. Production for 2001/02 is forecast to increase slightly due to improved agronomic practices and maturing trees. Exports are forecast to decrease to 4,094 tons in 2000/01, down 37 percent from last season, due to the large drop in domestic production. Japan is the primary export destination, accounting for 78 percent of total exports.

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## **Guatemala**

In 2000/01, macadamia nut production is forecast at 7,200 tons, an increase of 44 percent from last year. Output for 2001/02 is forecast to increase by 23 percent to 9,360 tons. This upward trend is mainly due to maturing trees, full production, and good agricultural practices. Guatemala exports nearly all of its macadamia production, with the United States and the European Union receiving 50 percent and 15 percent of 1999/2000 shipments, respectively. The average macadamia export FOB price during 1999/2000 was around \$2.85/lb, an increase from the average price from last year of \$2.20/lb.

## **Brazil**

In 2000/01, Brazil's output of macadamias is expected to rise 9 percent to 2,200 tons, as a result of more trees coming into production. This trend is not expected to continue, with production expected to fall 5 percent to 2,100 tons in 2001/02. Exports are forecast to increase 9 percent in 2000/01 reflecting the increased competitiveness of the Brazilian Real as a result of the 1998 currency devaluation. However, exports are expected to drop 9 percent to 1,240 tons in 2001/02. The United States and the European Union are Brazil's top 2 export markets, receiving 50 percent and 14 percent of macadamia shipments in 1999/2000, respectively.

## **Costa Rica**

Macadamia production for 2000/01 is forecast at 2,000 tons, the same as last year. Output for 2001/02 is expected to decrease by 5 percent. In response to several years of low nut prices, producers are switching to other crops. Consolidation in the industry has left only one large macadamia producer in the country. Exports totaled 1,681 tons in 1999/2000 and are expected to increase 12 percent in 2000/01, comprising over 90 percent of total production. Costa Rica's main export market is the United States, which accounted for 83 percent of total exports in 1999/2000.

*(The FAS Attache Report search engine contains reports on the macadamia industry for 6 countries, including Australia, Guatemala, Kenya, and South Africa. For information on production and trade, contact Erik Hansen at 202-720-0875).*

**MACADAMIAS: PRODUCTION, SUPPLY, AND DISTRIBUTION IN SELECTED COUNTRIES**

<b>Country/ Marketing Year 1/</b>	<b>Beginning Stocks</b>	<b>Production</b>	<b>Imports</b>	<b>Total Supply</b>	<b>Exports</b>	<b>Domestic Consumption</b>	<b>Ending Stocks</b>
<b>Metric tons, in-shell basis</b>							
<b>Australia</b>							
1997/1998	2,500	24,500	0	27,000	16,959	9,041	1,000
1998/1999	1,000	34,000	0	35,000	18,000	12,900	4,100
1999/2000	4,100	34,000	0	38,100	18,100	16,000	4,000
2000/2001	4,000	29,100	0	33,200	24,500	8,200	500
2001/2002 F	500	35,500	0	36,000	25,500	8,500	2,000
<b>Brazil</b>							
1997/1998	0	1,760	0	1,760	270	1,490	0
1998/1999	0	1,962	0	1,962	1,170	792	0
1999/2000	0	2,000	0	2,000	1,200	800	0
2000/2001	0	2,200	0	2,200	1,320	880	0
2001/2002 F	0	2,100	0	2,100	1,240	860	0
<b>Costa Rica</b>							
1997/1998	855	2,800	0	3,655	3,351	265	39
1998/1999	39	2,000	0	2,039	1,244	265	530
1999/2000	530	2,000	0	2,530	1,681	300	549
2000/2001	549	2,000	0	2,549	1,900	330	319
2001/2002 F	319	2,100	0	2,419	1,900	340	179
<b>Guatemala</b>							
1997/1998	120	2,507	0	2,627	2,507	15	105
1998/1999	105	2,800	0	2,905	2,775	20	110
1999/2000	110	4,000	0	4,110	3,800	200	110
2000/2001	110	7,200	0	7,310	7,000	200	110
2001/2002 F	110	9,360	0	9,470	9,000	360	110
<b>Kenya</b>							
1997/1998	500	4,100	0	4,600	3,714	286	600
1998/1999	600	6,500	0	7,100	5,422	978	700
1999/2000	700	6,000	0	6,700	6,481	61	158
2000/2001	50	4,900	0	4,950	4,094	100	756
2001/2002 F	756	5,085	0	5,841	4,675	136	1,030
<b>South Africa</b>							
1997/1998	740	6,390	0	7,130	5,400	916	814
1998/1999	814	6,800	0	7,614	6,700	384	530
1999/2000	530	8,000	0	8,530	7,650	450	430
2000/2001	300	10,800	0	11,100	10,200	600	300
2001/2002 F	300	12,000	0	12,300	11,200	700	400
<b>United States 2/ 3/ 4/</b>							
1997/1998	0	26,308	13,557	39,865	3,235	36,630	0
1998/1999	0	26,082	18,539	44,621	3,415	41,206	0
1999/2000	0	25,628	23,286	48,914	3,000	45,914	0
2000/2001	0	22,226	24,100	46,326	3,000	43,326	0
2001/2002 F	0	24,100	25,500	49,600	2,900	46,700	0
<b>Total</b>							
1997/1998	4,715	68,365	13,557	86,637	35,436	48,643	2,558
1998/1999	2,558	80,144	18,539	101,241	38,726	56,545	5,970
1999/2000	5,970	81,628	23,286	110,884	42,150	63,725	5,009
2000/2001	5,009	78,426	24,100	107,635	52,014	53,636	1,985
2001/2002 F	1,985	90,245	25,500	117,730	56,415	57,596	3,719

1/ Marketing Years: July-June for the United States; March-February for Australia, Brazil, and Kenya; January-December for Costa Rica, Guatemala, and South Africa

2/ U.S. exports and imports come from the Bureau of Census with forecasts by USDA/Foreign Agricultural Service (FAS) with shelling ratios of .230 and .224 for 1997/98 and 1998/99 respectively. Shelling ratio averages of .224, .227, and .228 were used for 1999/2000, 2000/2001, and 2001/02 respectively, based on averages of the past three years. Shelling ratios originate with the Hawaii Agricultural Statistics Service (HASS)

3/ U.S. exports include only prepared and preserved macadamia nuts. The National Agricultural Statistics Service (NASS) in Hawaii indicates that few U.S. exports are shelled or in-shell macadamias.

4/ Domestic consumption derived from production and exports

F = Forecast

SOURCES: FAS Agricultural Attaché Reports, Bureau of Census, NASS/USDA, and HASS

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**U.S. Exports of Macadamia Nuts 1/  
Marketing Years: 1995/96 - 1999/00  
(metric tons, in-shell equivalent)**

	1995/1996	1996/1997	1997/1998	1998/1999	1999/2000
<b>D e s t i n a t i o n</b>					
Canada	498	338	343	406	589
China; Peoples Republic of	0	0	35	18	116
European Union	381	206	148	232	205
Hong Kong	580	535	726	138	438
Japan	2,719	2,882	1,400	2,210	2,478
Korea; Republic of	165	193	239	201	219
Lebanon	0	9	13	4	0
Norway	13	22	9	9	13
Philippines	4	22	0	13	22
Singapore	22	35	4	9	58
Switzerland	104	48	100	0	0
Taiwan	281	285	217	121	295
Other Countries	5	17	0	54	277
<b>T o t a l</b>	<b>4,797</b>	<b>4,592</b>	<b>3,272</b>	<b>3,351</b>	<b>4,710</b>

**U.S. Imports of Macadamia Nuts 1/  
Marketing Years: 1995/96 - 1999/00  
(metric tons, in-shell equivalent)**

	1995/1996	1996/1997	1997/1998	1998/1999	1999/2000
<b>D e s t i n a t i o n</b>					
Australia	4,691	3,990	6,548	8,911	13,692
Brazil	524	461	687	554	670
China; Peoples Republic of	40	149	129	93	143
Costa Rica	931	1,421	1,725	746	1,469
El Salvador	22	35	61	22	22
Guatemala	1,805	1,592	1,095	2,049	2,098
Hong Kong	30	0	0	0	0
Kenya	1,095	1,395	1,411	897	759
Malawi	690	447	487	1,426	94
South Africa; Republic of	1,130	1,654	1,293	3,649	3,977
Zimbabwe	182	127	0	147	0
Other Countries	96	111	122	45	330
<b>T o t a l</b>	<b>11,235</b>	<b>11,381</b>	<b>13,557</b>	<b>18,539</b>	<b>23,254</b>

1/ Marketing Years, July-June

Note: Shelling ratios for macadamia nuts are from the Hawaii Agricultural Statistics Service (HASS) and are .231, .228, .230, .224, and .224 for 1995/96, 1996/97, 1997/98, 1998/99, and 1999/00 respectively.

Sources: U.S. Bureau of Census, HASS